ABSTRACT OF THE DISCLOSURE

There is disclosed an optical pick-up which allows a lens to be supported at high dimensional accuracy for a high-density recording medium, and suppresses resonance for a high- speed access. Also, there is disclosed a lens holder comprising a bearing part formed vertically to a lens receiving surface with an excellent inner diameter roundness and excellent mechanical strength.

The optical pick-up comprises a supporting shaft, and a lens holder which fits on a supporting shaft rotatably, wherein the supporting shaft is formed of ceramics containing zirconia, and wherein the lens holder is formed of a liquid crystal resin composition.

An optical-pickup comprising a lens holder having a shaft hole which fits on a rotating shaft and a plurality of object lens holes, wherein the lens holder is a molded product of a resin composition comprising a liquid crystal resin or a polyphenylene ether resin mixed with a fibrous filler, and the molded product has flexural elastic modulus of 10 GPa or more.